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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2011; month=2; day=22; hr=12; min=2; sec=55; ms=400; ]

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Application No: 10588570 Version No: 2.0

Input Set:

Output Set:

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**Finished:** 2011-02-09 19:13:02.876  
**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 301 ms  
**Total Warnings:** 38  
**Total Errors:** 8  
**No. of SeqIDs Defined:** 38  
**Actual SeqID Count:** 38

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W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
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E 342	'n' position not defined found at POS: 17 SEQID(5)
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E 342	'n' position not defined found at POS: 19 SEQID(5)
E 342	'n' position not defined found at POS: 20 SEQID(5)
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E 342	'n' position not defined found at POS: 22 SEQID(5)
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**Input Set:**

**Output Set:**

**Started:** 2011-02-09 19:12:59.575  
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**Total Errors:** 8  
**No. of SeqIDs Defined:** 38  
**Actual SeqID Count:** 38

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occurred more than 20 times, will not be displayed

# SEQUENCE LISTING

<110> Marx, Andreas  
 Summerer, Daniel  
 Rudinger, Nicolaus Zackes

<120> MUTATED DNA POLYMERASE WITH INCREASED MISPAIRING  
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<140> 10588570

<141> 2011-02-09

<150> PCT/EP2005/050479

<151> 2005-02-04

<150> DE 102004005885.7

<151> 2004-02-05

<160> 38

<170> PatentIn Ver. 2.1

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<211> 2787

<212> DNA

<213> Artificial Sequence

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<223> E. Coli wild type Klenow fragment of DNA polymerase I

<400> 1

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<212> PRT

<213> Artificial Sequence

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<223> E.coli Klenow fragment of DNA polymerase I

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Lys Gly Lys Thr Phe Arg Asp Glu Leu Phe Glu His Tyr Lys Ser His
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<211> 832

<212> PRT

<213> Artificial Sequence

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<223> Wildtype Taq polymerase

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35 40 45

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